

DEPARTMENT OF COMMERCE
BUREAU OF FISHERIES

ALASKA

DEC 9 - 1933

FISHERIES

Seattle, Washington
December 5, 1933.

Subject: Annual Report, 1933.

Commissioner of Fisheries,
Washington, D. C.

I am enclosing herewith my annual report for the season of 1933 covering the Bureau's activities in the Icy Strait, Western and Eastern districts of Southeastern Alaska.

M. J. O'Connor
M. J. O'Connor, Asst. Agent.

MJO:DA

Copy to Seattle office.
Copy to Juneau office.

ALASKA

DEC 9 - 1933

FISHERIES

ANNUAL REPORT

1933

SOUTHEASTERN ALASKA DISTRICT

Icy Strait
Western
Eastern

M. J. O'Connor
Assistant Agent.

Washington ✓
Seattle
Juneau

TABLE OF CONTENTS

	<u>Page</u>
Patrol	1
Sealing	2
Stream Watchmen	3
Trolling	4
Number canneries and traps operated	5
Traps installed and commercially operated - Icy Strait district	6
do Western district	7
do Eastern district	8
Traps installed but not operated - Icy Strait, Western & Eastern districts	9-10
Canneries operated	11
Number traps operated past 6 years in all Southeast Alaska	12
Number traps and seines operated	13-14
Number salmon taken by traps and other forms of gear	15
Salmon run and escapement	16-17
Survey of salmon escapement	18-19
Mild Cure Operators	20
Herring Plants	21
Herring Pounds	22
Violations	23
Indians employed and earnings for season	24-25
Recommendations	26

ANNUAL REPORT OF M. J. O'CONNOR, ASSISTANT AGENT
SOUTHEASTERN ALASKA DISTRICT SEASON 1933

Commencing with the calendar year of 1933, my duties consisted of compiling statistics covering fresh, frozen, mild-cured, pickled and dried salmon, fresh and frozen halibut, cod, ling cod, stock fish, shrimp meat, crab and trout taken from shipper's export declarations filed in the Custom House at Juneau, Alaska; also, making daily trips along the waterfront to keep in touch with salmon trolling, bait herring, trout and other fishery activities in the district.

PATROL

Owing to the shortage of funds this year it was impossible to charter any boats for patrol purposes during the commercial fishing season. Consequently, the Bureau vessel Widgeon was the only boat utilized in patrolling the waters between Petersburg and Cape Spencer, including Eastern, Western and Icy Strait districts.

The work, which was carried on under my personal supervision consisted of enforcing fishery laws and regulations, measuring traps to determine whether or not they were at the required distance, also, not to exceed 900 feet in length, collecting individual pack reports from twelve canneries, inspecting spawning grounds and directing activities of stream watchmen.

During the fall season, October 1 to 15, fishing activities were patrolled by the Bureau vessels Crane and Teal but fishing was carried on at so many widely different points that they could not all be covered by the two boats. Salmon was taken from Chaik Bay, Hood Bay, Black Bay, west coast of Chichagof Island, Seymour Canal, Windham Bay, Tebenkof Bay, Keku Strait, Security Bay, vicinity of Red Bluff Bay, Hooniah Sound and Peril Straits.

Sebastian Stuart Fish Company at Tyee was the only cannery operated during the fall season in the districts under my immediate supervision; however, the Diamond K Packing Company and Wrangell Packing Company had boats fishing in the Western and Eastern districts.

SEALS TAKEN BY INDIANS OFF SITKA SOUND, 1933

<u>Date Taken</u>	<u>Name of Hunter</u>	<u>Males</u>	<u>Females</u>	<u>Unborn Pups</u>	<u>Total No. of Seals</u>
May 18	Tom Sanders	7	15	-	22
" 25	do	1	9	-	10
" 29	do	10	5	-	15
June 2	do	-	6	-	6
" 3	do	2	7	-	9
" 10	do	-	1	-	1
TOTALS		20	43	-	63

Owing to inclement weather sealing did not begin before May 18 and on account of the low price for seal skins (\$5.00 per skin) there was only one boat engaged in sealing. A total of sixty-three adult seals were taken between May 18 and June 10.

The authentication of skins began at Sitka on May 19; others on June 3 and 5; and one skin was authenticated on July 25.

STREAM WATCHMEN

Owing to a drastic cut in the allotment for my district, I was able to assign only about one-half the number of stream watchmen as in former years. All watchmen were called in on July 9 except six; this left no protection for the streams during the entire run from that date to the end of the season.

During the fall season in Chilkat and Chilkoot Inlets two stream watchmen were employed from September 5 to 30; during the same season in the Taku Inlet area no funds were available for stream watchmen there. The same is true of the fall season beginning October 1 and ending October 15.

Following is a list of temporary employees in the Icy Strait, Western & Eastern districts during the season 1933:

Icy Strait

<u>Name</u>	<u>Location</u>	<u>Date Employed</u>	<u>Date Services Terminated</u>	<u>Rate of Pay</u>
Peder A. Anderson	Hoktaheen & Lisianski	June 15	July 9	\$6.00
Arnt Nelson	Surge Bay & Takanis	" 17	" 9	6.00
Ted Hunsbedt	Dundas Bay	" 17	" 9	5.00
W. H. Marrett	Excursion Inlet	" 17	" 31	5.00
C. A. Bevans	Game Creek	" 23	" 7	6.00
H. W. Homeyer	Spasskaia & Pt. Frederick	" 17	" 9	6.00

Western

J. P. Lindsay	Sitkoh Bay	July 5	July 26	5.00
John Murphy	Basket Bay	June 22	June 30	5.00
		July 4	July 26	5.00
W. A. Hart	Pavlof Harbor	" 1	" 26	6.00
Martin Madsen	Chilkat	" 5	Aug. 20	6.00
J. J. Kennedy	Chilkoot	" 5	" 20	5.00

Eastern

Ben Bullard	Taku Harbor	May 10	May 23	3.50
W. H. Robinson	do	May 26	July 5	6.00
Frank Back	Limestone Inlet	May 27	May 31	6.00
George Bach	do	May 27	May 31	5.00

(Messrs. Bach were employed to clear dam in stream at Taku Harbor)

Special Warden, Donald S. Haley, was employed June 16 at rate of \$6.00 per day; still employed.

TROLLING

There were very few king salmon taken owing to the trollers' strike which continued until July 7; about that time the run had slacked off and the next run did not appear until the first of August. From that time on, until the middle of September, there was a fair run at Sitka; at Cape Ommaney the run was medium as it also was at Morris Reef, Yasha Island, Pillar Bay and East Point, Chatham Strait. Icy Strait and Cross Sound were fair until about the 20th of August and there was very little done at those points from that date until the end of September.

Because we had no boats in the vicinity where trolling was carried on we weren't able to issue a great many trolling plates although there were as many trollers out this year as last; only 243 plates were issued in all of Southeast Alaska compared with 818 issued in 1932.

Blanks for the recording of trollers together with metal tags were issued as follows:

Sitka - 90

West Coast - 98

Ketchikan - 8

Wrangell - 47

A total of 243 trolling plates were issued to trolling boats operating in all of Southeastern Alaska during season 1933 to date.

CANNERIES AND TRAPS

There were 12 canneries operated in the Icy Strait, Western and Eastern districts, 2 of which received their fish from gill nets, seines and trolling exclusively.

As follows:

2	canneries	in the Icy Strait district
6	"	" " Western district
4	"	" " Eastern district

There were 76 traps operated in the three above-mentioned districts, 4 of which were independently owned and 72 of which belonged to companies or corporations.

As follows:

18	traps	in Icy Strait district
30	"	" " Western district, 2 of which were Independent
28	"	" Eastern " 2 " " " "

There were 54 traps in the three above-mentioned districts which had territorial licenses and War Department permits but were not installed and therefore, not operated.

As follows:

14	traps	in the Icy Strait district
31	"	" " Western district
9	"	" " Eastern district

TRAPS INSTALLED AND COMMERCIALY OPERATED IN
ICY STRAIT, WESTERN AND EASTERN DISTRICTS.

ICY STRAIT DISTRICT

<u>Name of Company</u>	<u>Territorial License No.</u>	<u>Style of trap</u>
Alaska Pacific Salmon Corp.	33-396	Floating
	400	do
	*393 (2/3)	do
	404	do
	432	do
	430	do
	392	do
	399	do
	397	do
Astoria Puget Sound Canning Co.	33-100	do
	101	do
	102	do
	103	do
	105	do
	106	do
Pacific American Fisheries	33-193 (operated by Astoria Puget 195 Sound Canning Company)	do
	194	do
Booth Fisheries	*33-393 (1/3 operated by Astoria Puget n Sound Canning Company)	do
	246 (operated by Astoria Puget Sound Canning Company)	do
P. E. Harris & Company	33-088	do

Note: The Alaska Pacific Salmon Corporation cannery at Port Althorp received salmon from 8 traps in the Icy Strait district and from 3 traps in the Western district and took 2/3 of the salmon from trap No. 33-393 located in Icy Strait district from which Astoria Puget Sound Canning Company at Excursion Inlet took the other 1/3.

WESTERN DISTRICT

<u>Name of Company</u>	<u>Territorial License No.</u>	<u>Style of trap</u>
Alaska Pacific Salmon Corp.	33-443	Floating
	444	do
	439	do
P. E. Harris & Company	33-085	do
	086	do
	087	do
	089	do
	091	do
	090	do
Sebastian Stuart Fish Co.	33-173	do
	175	do
Superior Packing Company	33-309	do
	310	do
	311	do
	312	do
	313	do
Peril Straits Packing Co.	33-159	do
	161	do
	163	do
	164	do
	158 (Winnie S. Davis transferred as to ownership to Nick Bez, Seattle)	do
Hood Bay Canning Company	33-513	do
	514	do
	515	do
Pyramid Packing Company	33-003	do
	004	do
	005	do
	006	do
Carl Rickard (Independent)	33-512 (operated by Hood Bay Canning Co.)	do
James V. Davis (Independent)	33-485 (operated by owner; salmon canned by P. E. Harris, Hawk Inlet for account of J. V. Davis)	Driven

EASTERN DISTRICT

<u>Name of Company</u>	<u>Territorial License No.</u>	<u>Style of trap</u>
Alaska Pacific Salmon Corp.	33-454	Floating
	455	do
	456	do
	457	do
	458	do
	459	do
	460	do
Petersburg Packing Company	33-184	do
	185	do
	186	Driven
	187	Floating
	188	do
Sebastian Stuart Fish Co.	33-171	do
	172	do
	174	do
	176	do
	177	do
Fidalgo Island Packing Co.	33-043	Driven
	044	do
H. L. Faulkner, Juneau	33-294 (Transferred to ownership in name of Hoonah Pkg.Co.& Fidalgo Isl.Pkg. Co.)	do
Hoonah Packing Company	33-045 (operated by Fidalgo Island Pkg.Co.)	Floating
	046 " " " " " "	Driven
Libby, McNeill & Libby	33-117	Floating
	120	do
	115	do
	116	Driven
James V. Davis (Independent)	33-484 (operated by owner; salmon canned by P.E. Harris & Co., Hawk Inlet for J. V. Davis account)	Floating
T. H. Davis (Independent)	33-508 (installed and operated for one week by James V. Davis)	do

TRAP FRAMES INSTALLED BUT NOT OPERATED IN ICY STRAIT, WESTERN AND
EASTERN DISTRICTS.

(Traps for which territorial licenses were paid and War Department
permits issued but traps were not installed)

ICY STRAIT DISTRICT

<u>Name of Company</u>	<u>Territorial License No.</u>	<u>Style of trap</u>
Alaska Pacific Salmon Corp.	33-403	Floating
	395	do
	401	do
	431	do
	394	do
	398	do
	402	do
*Libby, McNeill & Libby	33-110 (owing to cannery at Taku having	do
	111 been destroyed by fire 1932, traps	do
	113 were not installed 1933)	do
Astoria Puget Sound Canning Co.	33-104 (frame installed; trap not com-	do
	mercially operated)	
Booth Fisheries	33-244 (frames installed by Astoria Puget	do
	245 Sound Canning Co. for the Pacific	do
	American Fisheries; not operated)	
Pacific American Fisheries	33-192 (frames installed by Astoria Puget	do
	196 Sound Canning Co; not operated)	do

* Commissioner Frank T. Bell granted Libby, McNeill & Libby permission to hold trap sites without installing traps providing the company rebuilt the cannery at Taku Harbor; cannery is at present under construction.)

WESTERN DISTRICT

Peril Straits Packing Company	33-160	Floating
	162	do
Hood Bay Canning Company	33-516	do
Pacific American Fisheries	33-197	do

WESTERN DISTRICT (con't.)

Alaska Pacific Salmon Corp.	33-434	Floating
	433	do
	442	do
	436	do
	441	do
	440	do
	446	do
	447	do
	448	do
	435	do
	437	do
	449	do
	445	do
	438	do
New England Fish Company	33-354	do
	355	do
	356	do
	358	do
	359	Driven
	357	Floating
Chaik Salmon Company	33-081	Driven

EASTERN DISTRICT

Alaska Pacific Salmon Corp.	33-461	Floating
	452	do
	462	do
	463	do
	451	do
Libby, McNeill & Libby	33-119	do
	109	do
	118	do
	108	do

CANNERIES OPERATED IN ICY STRAIT, WESTERN
AND EASTERN DISTRICTS DURING SEASON 1933.

<u>DISTRICT</u>	<u>NAME OF COMPANY</u>	<u>LOCATION OF PLANT</u>
Icy Strait	Alaska Pacific Salmon Corporation Astoria Puget Sound Canning Company	Port Althorp Excursion Inlet
Western	P. E. Harris & Company Superior Packing Company Peril Strait Packing Company Pyramid Packing Company Hood Bay Canning Company Haines Packing Company	Hawk Inlet Tenakee Todd Sitka Hood Bay Letnikof Cove
EASTERN	Fidalgo Island Packing Company Sebastian Stuart Fish Company Douglas Fisheries Alaska Pacific Salmon Corporation	Pillar Bay Tyee Douglas Kake

SALMON TRAPS OPERATED IN THE SOUTHEASTERN ALASKA DISTRICTS DURING SEASONS

1928- 1929 - 1930 - 1931 - 1932 - 1933.

THE TRAPS ARE RECORDED IN ACCORDANCE WITH THE PRESENT BOUNDARY LINES OF
DISTRICTS TAKEN FROM ANNOTATED CHARTS

Years.	Icy Strait District.	Western District.	Eastern District.	N. Prince of Wales District.	S. Prince of Wales District	Southern District.	Total for each District.
1928	44	62	39	163	41	94	443
1929	43	56	46	160	37	91	433
1930	45	68	46	158	34	93	444
1931	32	48	32	50	20	82	264
1932	21	29	20	69	16	48	203
1933	18	30	28	100	25	45	246

NUMBER OF TRAPS AND NUMBER OF SEINES OPERATED BY EACH COMPANY IN EACH DISTRICT DURING SEASON 1933.

<u>Name of Company & District</u>	<u>No. traps operated</u>	<u>No. Indian seines operated</u>	<u>No. outside seines operated</u>
<u>ICY STRAIT</u>			
Alaska Pacific Salmon Corp.	8-2/3	7	--
Astoria Puget Sound Canning Co.	8-1/3	9 to 11 (2 gill nets)	2
P. E. Harris & Co. (salmon packed at Hawk Inlet cannery, Western district)	<u>1</u>	<u>--</u>	<u>--</u>
Totals.....	18	18 (2 gill nets)	2
<u>WESTERN</u>			
Haines Packing Company	--	-- (31 gill nets)	--
Alaska Pacific Salmon Corp. (salmon packed at Port Althorp cannery in Icy Strait Dist.)	3	--	--
P. E. Harris & Co.	6	2 to 7	--
Sebastian Stuart Fish Co. (salmon packed at Tyee cannery in Eastern district)	2	--	--
Superior Packing Co.	5	7 to 20	--
Peril Strait Packing Co.	5	7 to 8	--
Hood Bay Canning Co.	3	5 to 11	--
Pyramid Packing Co.	4	7 to 8	--
Carl Rickard, independent (trap operated by Hood Bay Canning Company)	1	--	--
James V. Davis, independent (trap operated by owner; salmon canned by P. E. Harris & Co., Hawk Inlet for J. V. Davis account)	<u>1</u>	<u>--</u>	<u>--</u>
Totals.....	30	54 (31 gill nets)	

EASTERN

(see next page)

NUMBER OF TRAPS AND NUMBER OF SEINES OPERATED BY EACH COMPANY IN EACH DISTRICT DURING SEASON 1933.
(c o n t i n u e d)

<u>Name of Company & District</u>	<u>No. traps operated</u>	<u>No. Indian seines operated</u>	<u>No. outside seines operated</u>
<u>EASTERN</u>			
Alaska Pacific Salmon Corp.	7	3 to 5	1
Petersburg Packing Co. (salmon packed at cannery in North Pr. Wales district)	5	--	--
Sebastian Stuart Fish Co.	5	2	--
Fidalgo Island Packing Co.	3	1	2
Hoonah Packing Co. (operated by Fidalgo Island Packing Company)	2	--	--
Libby, McNeill & Libby (salmon packed at Craig cannery, South Pr. Wales district)	4	--	--
James V. Davis, independent (operated by owner; salmon canned by P.E. Harris & Co., Hawk Inlet for J. V. Davis account)	1	--	--
T. H. Davis, independent (trap installed and operated for one week by James V. Davis)	1	--	--
Douglas Fisheries	--	2 (15 gill nets)	2
Totals.....	28	20 (15 gill nets)	5

NOTE: The above figures taken from weekly reports submitted to this office by each company.

Seines were operated by canneries in respective districts as indicated above although the seiners fished in various districts.

Majority of seine fish packed in the Western district were taken in Icy Strait district.

NUMBER OF SALMON TAKEN BY TRAPS AND OTHER FORMS OF GEAR ACCORDING
TO CANNERIES IN THE ICY STRAIT, WESTERN, AND EASTERN DISTRICTS.

<u>Name of Cannery</u>	<u>Number of salmon taken by traps</u>	<u>Number of salmon taken by other gear</u>
<u>Icy Strait District</u>		
Alaska Pacific Salmon Corp.	1,798,475	270,409
Astoria Puget Sound Canning Co. (408,055 salmon taken from PAF traps)	1,176,635	302,878
<u>Western District</u>		
P. E. Harris & Company	1,385,008	218,880
Pyramid Packing Company	301,747	304,263
Superior Packing Company	525,050	889,241
Hood Bay Canning Company	958,341	730,715
Peril Straits Packing Co.	596,910	354,049
Haines Packing Company	--	82,580
<u>Eastern District</u>		
Sebastian Stuart Fish Co.	219,195	236,605
Fidalgo Island Packing Co.	901,074	441,029
Alaska Pacific Salmon Corp.	754,882	219,371
Douglas Fisheries	--	15,556 (seines) 27,231 (gill nets)

SALMON RUN AND ESCAPEMENT 1933

Fishing opened on June 15 in Icy Strait and that part of the Western district north of a true line eastward from the southern extremity of Point Couverden. The run of reds was below normal as was the run of chums. There was a small run of large pinks on about June 25th and then they slacked off and the smaller pinks commenced coming in. While there probably were as many pinks as in 1932, they were very small with an average of 18 to 22 to the case. At no time during the season was there a regular run as the salmon came in spurts and not continuously.

Fishing opened on July 5 in that part of the Western district south of a true line eastward from the southern extremity of Point Couverden. Salmon did not get into Chatham Strait until about July 10th; then the run of chums was fair in spots. Tenakee Inlet had quite a run but nowhere in Chatham Strait between Point Augusta and Point Gardner were there any chums taken until after July 15; there were in the neighborhood of 46,000 cases of chums packed from salmon taken from Tenakee Inlet.

The run of pinks did not materialize in Chatham Strait until about July 20; while there was a large number of this specie taken they were small and ran between 18 and 22 to the case. The same is true of the pinks in the Eastern district but of course, the run was later; it occurred about August 5th and a great many pinks were taken from this district.

The fall fishing opened in the Western district south of 58 degrees and in the Eastern district on October 1 and continued through October 15. It was necessary to detail the two Bureau vessels to general patrol of this area as there were boats from Ketchikan, West Coast of Prince of Wales Island, and Wrangell together with boats fishing for Sebastian-Stuart Fish Company at Tyee; fishing was carried on in Hood Bay, Chaik Bay in the Western district and in Security Bay, Tebenkof Bay, Seymour Canal, Windham Bay and Keku Strait in the Eastern district. Salmon were taken from closed bays and from creeks, some half-spawned, owing to the fact that there were no funds for employing stream watchmen during the fall season and the two patrol boats could not cover the entire area adequately. //

There were some salmon taken to Ketchikan that were refused by other pick-up boats from Wrangell for having been taken from the creeks and as they expressed it, they felt that the salmon were too far gone to put them into cans. I could not, however, get the names of the boats or the people who took these salmon. The date of opening of the season would make no difference if there were funds available for employing stream watchmen; this would insure the ascent of the salmon to the spawning beds. /

Salmon Run and Escapement.

During the fall survey of creeks only 5 were visited in the Icy Strait district; 45 in the Western district; and 12 in the Eastern district. This number of creeks will not give a good cross-section of the three districts in which there are 500 streams. The total number of salmon estimated in the 62 creeks surveyed included in the three districts is as follows: approximately 760,000 pinks and 147,000 chums spawning and approximately 25,000 pinks and 175,000 chums spawned. In 1930 115 creeks were surveyed and the escapement was estimated to be 20,000,000 salmon; in 1931 the escapement was estimated to be equal to 1930 and in 1932 it was estimated to be equal to 1931.

It is concluded that the escapement was below normal this season in the Icy Strait, Western and Eastern districts. The reason for this, no doubt, is the fact that the survey was made before the close of the fall season; also, some salmon were taken out of the creeks during that season and the heavy rains in the latter part of October and the first part of November raised the creeks and forced many salmon out into the brush.

SALMON ESCAPEMENT SURVEY IN ICY STRAIT, WESTERN
AND EASTERN DISTRICTS DURING THE SEASON OF 1933.

<u>Date Inspected</u>	<u>Name of Stream</u>	<u>Pinks</u>	<u>SPAWNING</u>			<u>SPAWNED</u>		
			<u>Chums</u>	<u>Cohoos</u>		<u>Pinks</u>	<u>Chums</u>	<u>Cohoos</u>
<u>Icy Strait District</u>								
8/26/33	Game Creek, Port Frederick	500					400	
8/26	Humpback Crk. do	2,500					1,100	
8/26	Spaskaia	800	700				2,000	
9/17	Soapstone	4,000				6,460	340	
9/17	Column Point	12,000						
<u>Western District</u>								
8/27	Pavlof Harbor, Freshwater Bay	100	200					
8/27	Creek 1-1/2 mi. north Cedar Cove, Freshwater Bay	450						
8/27	Creek on southwest side, head of Bay	600						
8/27	Corner Bay, Tenakee Inlet	6	20					
8/27	Kadashan Bay (south side) T.I.	52						
8/27	Kadashan Bay (north side) T.I.	25	21					
8/27	Seal Bay, Tenakee Inlet	220	880				820	
8/27	Saltry Bay, do	15	800				400	
8/28	Appleton Cove, Hooniah Sound	200	400				350	
8/28	Rodman Bay, Hooniah Sound	500	1,900				500	
8/28	Ushk Bay, Hooniah Sound	28	522				255	
8/28	Creek at head of Hooniah Sound (left side)	2,160	240					
8/29	Saook Bay	2,100					200	
8/29	Kelp Bay, Middle Arm	12						
8/29	Kelp Bay, South Arm	1,450						
8/29	Hood Bay (left side)	1,000						
8/29	Hood Bay (right side)	1,800						
9/12	Stream at head of Portage Arm, Kelp Bay	2,000						
9/12	Stream 1/2 way to head Portage Arm, Kelp Bay	6,000						
9/12	Stream at head Middle Arm, Kelp Bay	9,000						
9/13	Creek on left side Hooniah Sound, 1-1/2 mi. head	1,275	3,825				2,000	
9/13	Creek at head Hooniah Sd. (extreme right)	5,500						
9/13	Creek at head Hooniah Sd. (middle of bay)	1,500						
9/13	Creek at head Hooniah Sd. (left side)	4,465	235					

SALMON ESCAPEMENT (continued)

<u>Date Inspected</u>	<u>Name of Stream</u>	<u>Pinks</u>	<u>SPAWNING</u>		<u>Pinks</u>	<u>SPAWNED</u>		<u>Cohoos</u>
			<u>Chums</u>	<u>Cohoos</u>		<u>Chums</u>	<u>Cohoos</u>	
<u>Western District (con't.)</u>								
9/13/33	Creek on right side Fish Bay	15,000						
9/13	" " left " " "	30,000						
9/13	" in middle of " "	58,800	1,200					
9/14	Ford Arm (by old cannery)	11,760	240		4,000			
9/14	" " (south arm)	2,700			2,000			
9/14	Waterfall Cove, Slocum Arm	70,000						
9/14	Creek at head Slocum Arm	15,200	800					
9/14	Flat Cove, Slocum Arm	9,800	200					
9/15	Creek, head of Lake Anna	1,500						
9/15	Creek, head of Klag Bay	40	960				4,500	
9/15	Creek on left side head of Black Bay	1,800	16,200				1,100	
9/15	Creek on right side head of Black Bay	106,250	18,750					
9/16	Creek on right side head of Stag Bay	1,000						
9/16	Creek on left side head of Stag Bay	7,500						
9/16	Creek at head Lisianski Inl.	40,000						
9/17	Creek, right side " " (1 mi. from head)	32,000			2,300			
9/17	Creek, left side Lisianski Inlet, 3 mi. from head	3,000						
9/17	Creek, left side Lisianski Inlet, 1/2 mi. from head	500						
9/17	Creek on left side Lisianski Inlet across from Miner Isl.	5,000						
10/13	Whitewater Bay		9,500	500				
10/14	Chaik Bay (south arm)		60,000		9,000	81,000		
<u>Eastern District</u>								
9/9	Mole Harbor, Seymour Canal	96,000				50,000		
9/9	Windfall Harbor " "	30,000	150			15,000		
9/10	Creek at head of Little Pybus Bay	30,400	1,600					
9/11	Donkey Bay, Big Pybus Bay	9,000	3,000			1,000		
9/11	Creek, head Big Pybus Bay	14,250	750			10,000		
9/11	Murder Cove, head of bay, right side	2,000				1,000		
9/11	Murder Cove, head of bay, left side	5,500				2,000		
9/11	Red Bluff Bay	120,000						
9/11	Creek, head of Gut Bay	1,000						
9/11	Little Port Walter	17,000			1,000			
10/7	Creek, head of Gut Bay		1,000	10				
10/11	Red Bluff Bay	2,500	22,500					

MILD CURE OPERATORS

Following is a list of mild cure operators in the Icy Strait, Western and Eastern districts during the season 1933:

Icy Strait District

Ernest O. Swanson, Port Althorp

Western District

Marlyn Fish Co., Sitka
Sitka Cold Storage, Sitka

Eastern District

Sebastian Stuart Fish Co.
Juneau & Tyee
Juneau Cold Storage, Juneau
Karl Hansen, Port Alexander

HERRING PLANTS

Following is a list of combined salteries and reduction plants operating in the Eastern district during the season of 1933, Icy Strait and Western districts having no such plants:

<u>Name of Company</u>	<u>Location of Plant</u>
S. Arentsen & Co.	Big Port Walter
Buchan & Heinen Pkg. Co.	Port Armstrong
Northwestern Herring Co.	Port Conclusion
Storfold & Grondahl	Washington Bay
Chatham Strait Fish Co.	New Port Walter
Port Herbert Pkg.Co., Inc.	Port Herbert

HERRING POUNDS

FOLLOWING IS A LIST OF THOSE WHO OPERATED HERRING POUNDS DURING
THE SEASON OF 1933 WITH LOCATION OF POUND:

<u>Name of Operator</u>	<u>Location of Pound</u>
Baranof Bait Company	Sitka
Ole & Iver Holm	Petersburg
Holst and Borleck (<i>See Hbr. Point Co</i>)	Funter Bay Auk Bay
William Howard	Auk Bay X

Mr. Wingard wired 3/31/34 that Howard did not operate.

VIOLATIONS

The Alaska Pacific Salmon Corporation Hawk Inlet trap, No. 33-444, was seized by Special Warden Donald S. Haley on board the Widgeon on June 28th on account of the tunnel not being properly closed which is in violation of Section 5 and also, the spillers not being raised within four feet of the surface which is in violation of No. 1 of General Regulations.

A watchman was placed on the trap and the Widgeon proceeded to Juneau. Condemnation proceedings were filed June 30th. On July 1st the new United States Attorney William A. Holzheimer entered upon duty and on Monday morning following he recommended that the court dismiss condemnation proceedings without calling any witnesses.

A charge was brought against the gas boat Bernice, Pacific American Fisheries, for fishing in a closed area on August 4 at 5p.m. in Mole Harbor, Seymour Canal. The superintendent, Mr. O. Nicholson, was notified to have the boat proceed to Juneau; however, he requested his attorney, Mr. H. L. Faulkner, to appear for the company. Mr. Faulkner appeared before the United States Commissioner and plead guilty for the company to the Bernice fishing in a closed area; a fine of \$375.00 (\$125.00 for the crew and \$250.00 for boat and seine) was assessed; the fine was paid and Mr. Nicholson was notified that the boat need not come to Juneau.

The USFS Teal arrived at Juneau October 17 with the gas boat Collette in tow which had been seized on August 30 by Assistant Agent Shirley A. Baker at Wrangell by order of the United States Attorney for fishing in closed area in Mole Harbor, Seymour Canal on August 4, 1933 at 5:00 p.m.

On October 25th C. J. Sheldon, owner of the Collette, appeared before the United States Commissioner and plead guilty to illegal fishing in closed area and was fined \$50.00 including costs. The fine was paid and the boat released.

INDIANS GAINFULLY EMPLOYED IN ALASKA THROUGH THE FISHING
SEASON OF 1933, IN THE ICY STRAIT, WESTERN AND EASTERN
DISTRICTS.

In the Icy Strait district fishing began on June 15 and closed in both the western and eastern sections on August 10 after an extension was granted. This amounted to 44 days exclusive of the weekly closed periods from Saturday night to Monday morning. Two canneries operated in this district during the season and the following is a report of the earnings of the Indians employed by those canneries:

The Alaska Pacific Salmon Corporation employed 25 cannery workers whose average earnings for the season amounted to \$46.56 each and paid to seiners for salmon the total amount of \$9,711.89.

The Astoria Puget Sound Canning Company paid an average of \$115.99 each to 98 cannery workers and a total of \$8,344.21 to seiners.

Fishing opened in the Western district on July 5 and the season closed on August 14; however, an extension was granted which permitted fishing to continue until the close of August 19. Six canneries operated in this district and the earnings for the season by the Indians are as follows:

The P. E. Harris & Company employed 51 cannery workers whose wages averaged \$73.85 each for the season and paid \$9,881.53 to seiners for salmon.

The Pyramid Packing Company employed 76 cannery workers and paid them an average of \$52.00 each for the season's work; a total of \$15,253.87 was paid to seiners.

The Peril Straits Packing Company paid 45 cannery workers an average of \$80.09 each and paid to seiners during the season \$12,214.86.

The Hood Bay Canning Company employed 49 cannery workers and they earned an average of \$71.58 each; the seiners were paid \$5,386.32 for salmon during the season.

The Haines Packing Company paid 44 cannery workers an average of \$38.01 each and paid out to gill-netters during the season \$7,090.77.

The Superior Packing Company employed 131 cannery workers and paid them an average of \$97.10 each; \$24,395.16 was paid out to seiners during the season.

Indians Employed Icy Strait, Western and Eastern district, 1933

In the Eastern district the season opened on June 25 and was to close on August 16; however, an extension of four days was granted and fishing closed August 20. This year four canneries operated in this district and the following is a report of the amount paid by each cannery to Indians:

The Alaska Pacific Salmon Corporation at Kake employed 95 cannery workers and their average earnings for the season was \$20.79 each; the seiners were paid \$6,767.51 during the season.

The Fidalgo Island Packing Company paid an average of \$78.73 to 47 cannery workers and a total of \$292.45 to seiners.

The Sebastian Stuart Fish Company employed 47 cannery workers and paid them an average of \$14.50 each. \$11,138.77 was paid to seiners; \$1,568.45 for gill net fish; and \$1,055.33 for trolled fish.

The Douglas Fisheries employed 7 cannery workers and their average earning for the season amounted to \$49.50 each and a total of \$942.07 was paid to seiners and gill netters.

In the 12 canneries in Icy Strait, Western and Eastern districts there were 715 natives employed as cannery workers who were paid a total of \$45,945.84 during the season. A total of \$114,053.29 was paid to seiners.

RECOMMENDATIONS

1. It is recommended that during the weekly closed periods the heart walls of all salmon traps within the areas affected shall be lifted or lowered in accordance with method prescribed by section 5 of the Act of June 6, 1924. The tunnels from hearts to pots of all salmon traps shall be completely closed by pulling to one side of the pot. In addition, the spillers of all driven traps shall be raised to within 4 feet of the capping and the spillers of floating traps shall be raised to within 4 feet of the surface within twelve hours after the beginning of the weekly closed period. In respect to traps not provided with spillers the requirements in regard to spillers shall apply to the pots.
2. It is recommended that the following regulations be modified to read as follows:

ICY STRAIT DISTRICT

Regulation 15 (k) Pleasant Island: (2) from 135 degrees 35 minutes 30 seconds west longitude to 135 degrees 33 minutes 43 seconds west longitude.

Regulation 16. All commercial fishing for salmon is prohibited in Blacier Bay north of 58 degrees 27 minutes north latitude. ^G

EASTERN DISTRICT

Regulation 17. All commercial fishing for salmon is prohibited as follows:

(b) Windham Bay, indenting mainland: All waters of the bay east of 133 degrees 22 minutes west longitude.

(e) Gambier Bay, east coast of Admiralty Island: All waters west of 134 degrees 3 minutes west longitude.

(f) Portage Bay, north end of Kupreanof Island: All waters within the bay south of 56 degrees 58 minutes north latitude.

(i) Hamilton Bay, west coast of Kupreanof Island: All waters east of 133 degrees 47 minutes west longitude.

(k) Tebenkof Bay, west coast of Kuiu Island: All waters of Elena Bay north and east of a line at 56 degrees 29 minutes 50 seconds north latitude, 134 degrees 6 minutes 30 seconds west longitude southerly to a point at 56 degrees 28 minutes 59 seconds north latitude 134 degrees 5 minutes 30 seconds west longitude.

(l) Bay of Pillars, west coast of Kuiu Island: All waters in South Arm east of a true north and south line at 134 degrees 11 minutes 42 seconds west longitude.

(o) Red Bluff Bay, east coast of Baranof Island: All waters in the bay west of 134 degrees 45 minutes 30 seconds west longitude.

(p) Gut Bay, east coast of Baranof Island: All waters of the bay west of 143 degrees 30 minutes west longitude. ✓

(q) Little Port Walter, east coast of Baranof Island: All waters of Inner Port Walter inside the light dolphin in narrows.

Respectfully submitted,

M. J. O'Connor
M. J. O'Connor, Asst. Agent.